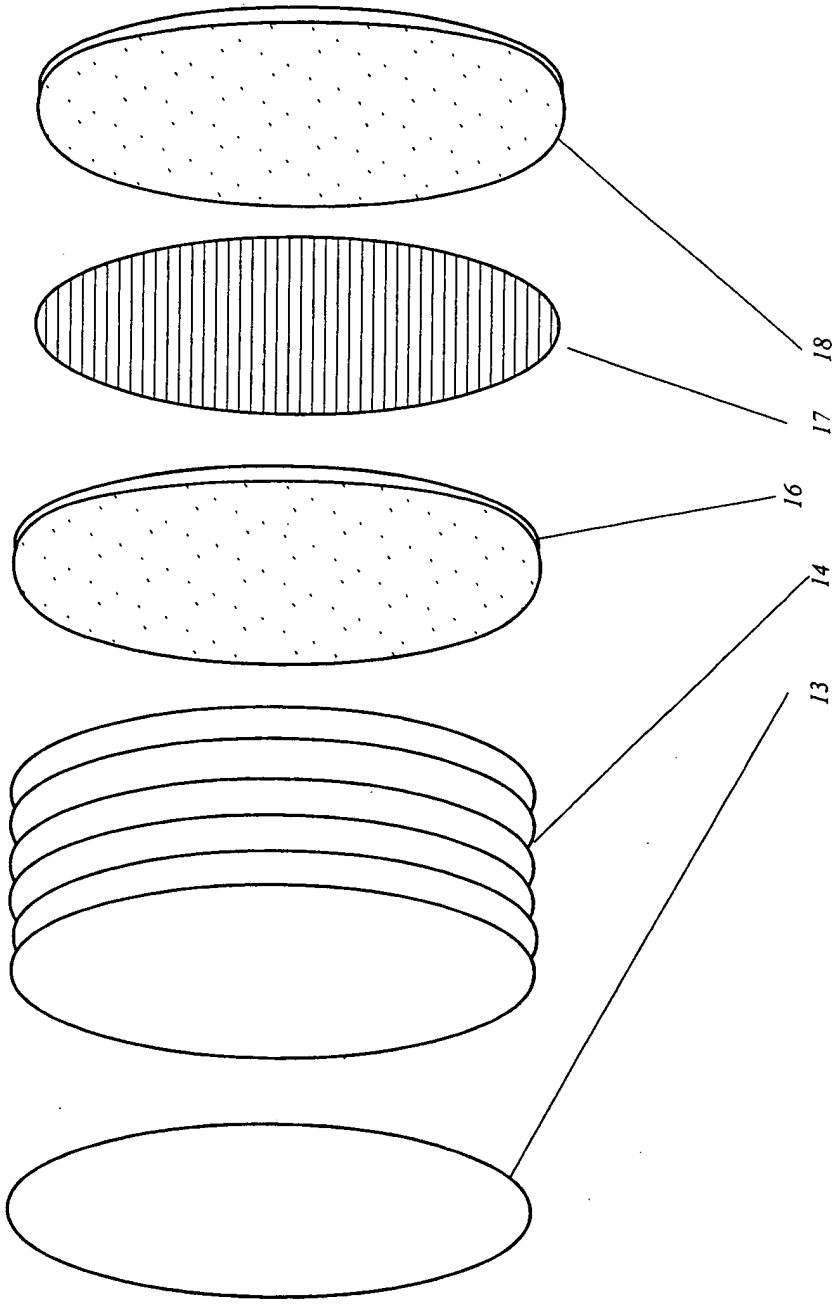


FIG. 1

Spectral Analysis

	TRANS	x	y
Illuminate C Photopic	7.92%	0.2698	0.3023
Illuminate D65	7.92%		
Illuminate A	7.44%		
Illuminate C Scotopic	9.79%		
Average Blue Light	6.84%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	8.16
310	0.00	560	7.98
320	0.00	570	7.66
330	0.00	580	7.14
340	0.00	590	6.64
350	0.00	600	6.27
360	0.00	610	5.96
370	0.00	620	5.73
380	0.00	630	5.57
390	0.00	640	5.58
400	0.06	650	5.78
410	0.93	660	6.11
420	3.05	670	6.51
430	5.26	680	6.96
440	7.77	690	7.40
450	10.05	700	7.82
460	11.74	710	8.28
470	12.76	720	8.72
480	13.30	730	9.17
490	13.27	740	9.67
500	8.06	750	10.15
510	8.49	760	10.63
520	8.88	770	11.10
530	8.75	780	11.50
540	8.40	790	11.83

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	5.62%	6.90%	8.55%	7.92%
TEST	Fail	Fail	Fail	
X		6.00	0.93	7.23
Y	0.83	4.72	1.85	8.37
Z		0.02	2.21	10.99
x		0.5589	0.1869	0.2719
y		0.4396	0.3708	0.3148
Chromiticity		Pass	Pass	Pass

This is a SPECIAL PURPOSE LENS

CEN 94

	Red	Yellow	Green	Blue
TRANS	5.98%	6.88%	8.54%	9.13%
Q	0.75	0.87	1.08	1.15
TEST	Fail	Pass	Pass	Pass

This is a FILTER CATEGORY 4

	Max	Test	Delta
T(280-315)	0.00	Pass	0.79
T(316-350)	0.00	Pass	3.96
SOLAR UVA	0.00	Pass	3.96

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	0.73	0.93
This is a	SPECIFIC	
	FAIL	FAIL

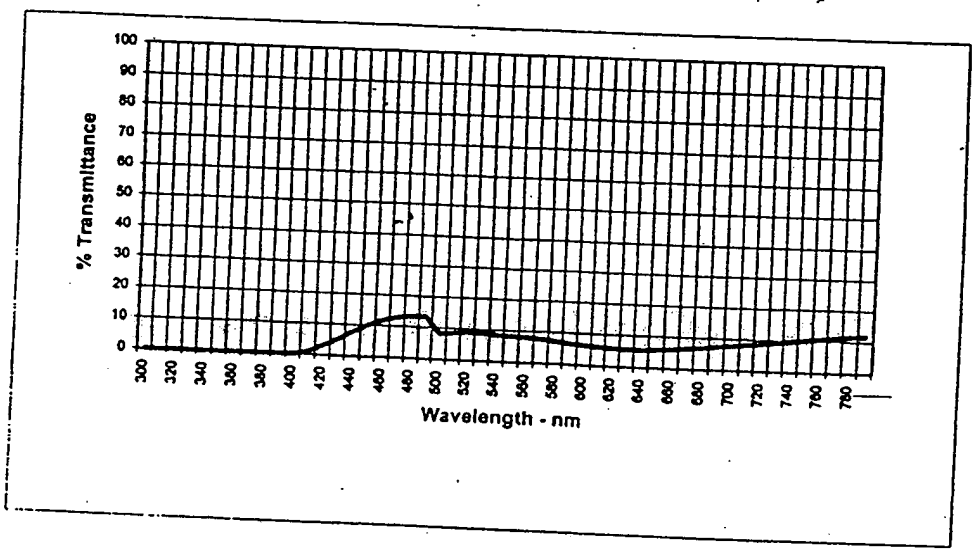


FIG. 2

For Test: **Definition - ANSI Z87.1**

COLTS Control Number: **Z-BZS031601-02-01**

Lens Sample Group Description					
Lens Samples		Substrate (Lens Material)		Coatings (Hard Coat, AR, etc)	
One Lens Sample Group		Lens Material:	unk	Type:	Polarized
Manufacturer:	Bayz	Index of Refraction:		Comments:	
Lens Type:	FSV	Lens Density:		Polarized / Grey	
Requested By:	DR. Ishak	Report valid thru:	09/16/01		

Test Number	Definition	Pass/Fail
Z-BZS031601-02-01-01	28	Pass
Z-BZS031601-02-01-02	34	Pass
Z-BZS031601-02-01-03	34	Pass

ANSI Z87.1 Requirement
Pattern 20 in both directions

FIG. 2A

Spectral Analysis

	TRANS	x	y
Illuminate C Photopic	9.91%	0.2685	0.3050
Illuminate D65	9.91%		
Illuminate A	9.27%		
Illuminate C Scotopic	12.34%		
Average Blue Light	8.46%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	10.27
310	0.00	560	9.98
320	0.00	570	9.46
330	0.00	580	8.87
340	0.00	590	8.01
350	0.00	600	7.56
360	0.00	610	7.19
370	0.00	620	6.86
380	0.00	630	6.75
390	0.00	640	7.02
400	0.05	650	7.68
410	0.95	660	8.53
420	3.41	670	9.38
430	6.13	680	10.17
440	9.33	690	10.82
450	12.37	700	11.37
460	14.65	710	11.90
470	16.06	720	12.38
480	16.74	730	12.87
490	16.69	740	13.37
500	10.41	750	13.84
510	10.92	760	14.31
520	11.36	770	14.77
530	11.13	780	15.15
540	10.82	790	15.47

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	7.43%	8.52%	10.79%	9.91%
TEST	Fail	Pass	Pass	
X		7.41	1.16	8.92
Y	0.81	5.83	2.34	10.48
Z		0.02	2.75	13.59
x		0.5590	0.1854	0.2704
y		0.4394	0.3741	0.3176
Chromiticity		Pass	Pass	Pass

This is a GENERAL PURPOSE LENS

CEN 84

	Red	Yellow	Green	Blue
TRANS	7.39%	8.50%	10.78%	11.64%
Q	0.75	0.86	1.09	1.17
TEST	Fail	Pass	Pass	Pass

This is a FILTER CATEGORY 3

	Max	Test	Delta
T(280-315)	0.00	Pass	0.99
T(316-350)	0.00	Pass	4.96
SOLAR UVA	0.00	Pass	4.96

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	0.73	0.81

This is a GENERAL PURPOSE SUNGLASS

FAIL PASS

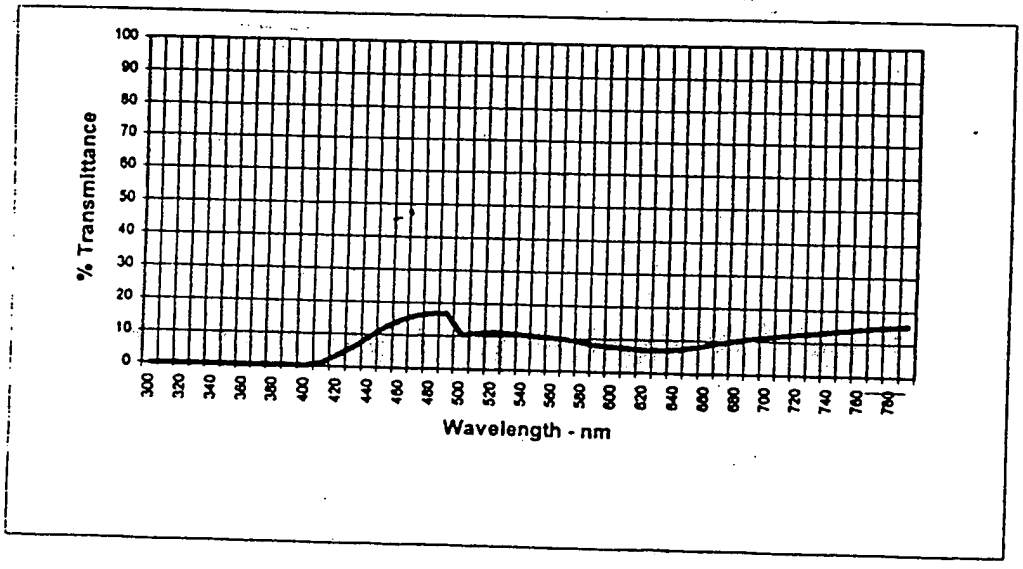


FIG. 3

Spectral Analysis

	TRANS	x	y
Iluminate C Photopic	7.66%	0.4803	0.4827
Iluminate D65	7.61%		
Iluminate A	8.52%		
Iluminate C Scotopic	2.96%		
Average Blue Light	0.34%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	8.54
310	0.00	560	9.83
320	0.00	570	10.59
330	0.00	580	10.73
340	0.00	590	10.49
350	0.00	600	10.15
360	0.00	610	9.77
370	0.00	620	9.46
380	0.00	630	9.20
390	0.00	640	9.00
400	0.01	650	8.87
410	0.11	660	8.83
420	0.30	670	8.86
430	0.37	680	8.98
440	0.38	690	9.15
450	0.36	700	9.38
460	0.35	710	9.68
470	0.36	720	10.01
480	0.48	730	10.37
490	0.88	740	10.77
500	1.09	750	11.17
510	2.33	760	11.56
520	4.19	770	11.97
530	5.87	780	12.31
540	7.23	790	12.58

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	9.14%	9.79%	6.31%	7.61%
TEST	Fail	Fail	Fail	
X		9.11	0.75	7.90
Y	0.99	6.69	1.37	8.04
Z		0.02	0.13	0.59
x		0.5758	0.3352	0.4779
y		0.4232	0.6063	0.4866
Chromiticity		Pass	Pass	Pass

This is a SPECIAL PURPOSE LENS

CEN 94

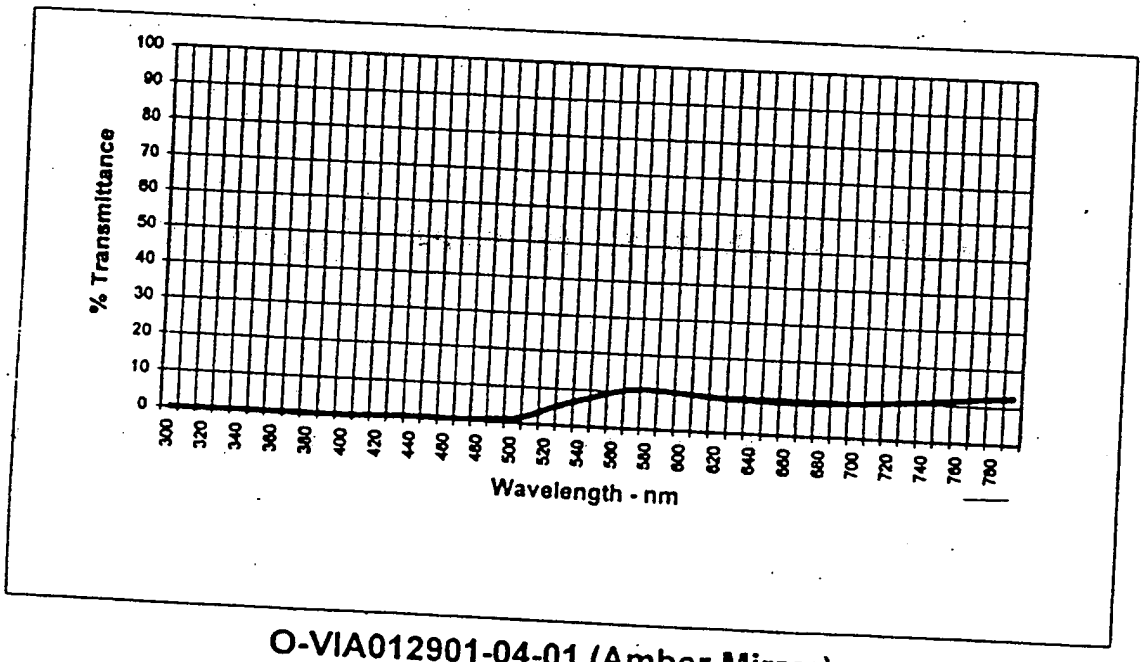
	Red	Yellow	Green	Blue
TRANS	9.57%	9.76%	6.31%	4.38%
Q	1.26	1.28	0.83	0.58
TEST	Pass	Pass	Pass	Fail

This is a FILTER CATEGORY 4

	Max	Test	Delta
T(280-315)	0.00	Pass	0.76
T(316-350)	0.00	Pass	3.81
SOLAR UVA	0.00	Pass	3.81

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	1.20	0.04
This is a	SPECIFIC	
	FAIL	FAIL



O-VIA012901-04-01 (Amber Mirror)

FIG. 4

For Test: **Definition - ANSI Z87.1**

Lens Sample Group Description					
Lens Samples		Substrate (Lens Material)		Coatings (Hard Coat, AR, etc)	
One Lens Sample Group		Lens Material:	unk	Type:	Polarized
Manufacturer:	Bayz	Index of Refraction:		Comments:	
Lens Type:	FSV	Lens Density:		Polarized / Amber	
Requested By:	DR. Ishak	Report valid thru:	09/16/01		

Test Number	Definition	Pass/Fail
Z-BZS031601-01-01-01	20	Pass
Z-BZS031601-01-01-02	34	Pass
Z-BZS031601-01-01-03	34	Pass

ANSI Z87.1 Requirement
Pattern 20 in both directions

FIG. 4A

Spectral Analysis

	TRANS	x	y
Illuminate C Photopic	9.91%	0.4766	0.4822
Illuminate D65	9.85%		
Illuminate A	10.99%		
Illuminate C Scotopic	3.94%		
Average Blue Light	0.51%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	11.10
310	0.00	560	12.64
320	0.00	570	13.52
330	0.00	580	13.66
340	0.00	590	13.37
350	0.00	600	12.96
360	0.00	610	12.52
370	0.00	620	12.15
380	0.00	630	11.83
390	0.00	640	11.60
400	0.01	650	11.45
410	0.17	660	11.40
420	0.44	670	11.43
430	0.55	680	11.55
440	0.55	690	11.75
450	0.53	700	11.99
460	0.52	710	12.31
470	0.53	720	12.66
480	0.72	730	13.04
490	1.28	740	13.45
500	1.52	750	13.84
510	3.20	760	14.23
520	5.63	770	14.62
530	7.81	780	14.92
540	9.52	790	15.16

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	11.76%	12.56%	8.24%	9.85%
TEST	Pass	Pass	Pass	
X		11.67	0.97	10.15
Y	1.28	8.58	1.78	10.41
Z		0.02	0.19	0.84
x		0.5756	0.3308	0.4742
y		0.4233	0.6054	0.4883
Chromiticity		Pass	Pass	Pass

This is a GENERAL PURPOSE LENS

CEN 94

	Red	Yellow	Green	Blue
TRANS	12.27%	12.52%	8.25%	5.77%
Q	1.25	1.27	0.84	0.59
TEST	Pass	Pass	Pass	Fail

This is a FILTER CATEGORY 3

	Max	Test	Delta
T(280-315)	0.00	Pass	0.98
T(316-350)	0.00	Pass	4.92
SOLAR UVA	0.00	Pass	4.92

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	1.19	0.05

This is a GENERAL PURPOSE SUNGLASS

FAIL FAIL

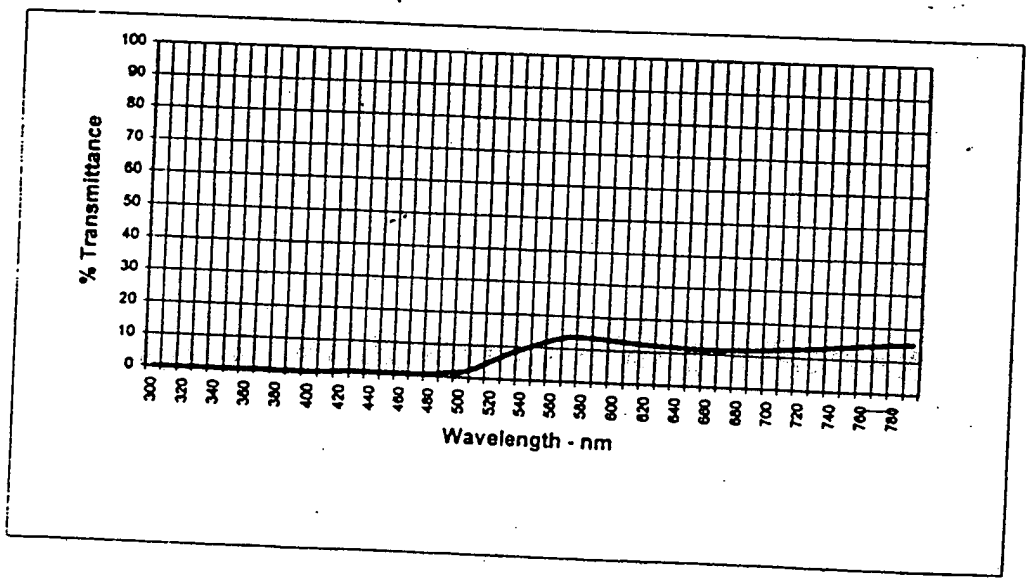


FIG. 5

Spectral Analysis

	TRANS	x	y
Iluminate C Photopic	17.80%	0.4369	0.4180
Iluminate D65	17.68%		
Iluminate A	19.69%		
Iluminate C Scotopic	10.41%		
Average Blue Light	4.90%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	15.34
310	0.00	560	20.06
320	0.00	570	22.41
330	0.00	580	23.37
340	0.00	590	23.60
350	0.00	600	24.11
360	0.12	610	24.62
370	0.63	620	24.90
380	1.07	630	25.05
390	2.81	640	25.13
400	3.78	650	25.42
410	3.61	660	25.98
420	3.28	670	26.75
430	3.23	680	27.67
440	3.41	690	28.37
450	4.19	700	28.82
460	5.26	710	29.03
470	6.45	720	29.05
480	7.58	730	28.95
490	8.57	740	28.74
500	12.08	750	28.49
510	13.35	760	28.20
520	13.17	770	27.83
530	11.59	780	27.54
540	11.46	790	27.25

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	25.38%	22.35%	14.76%	17.68%
TEST	Pass	Pass	Pass	
X		22.21	1.72	19.23
Y	2.78	15.27	3.20	18.69
Z		0.03	1.30	6.12
x		0.5920	0.2768	0.4367
y		0.4072	0.5137	0.4244
Chromiticity		Pass	Pass	Pass

This is a GENERAL PURPOSE LENS

CEN 94

	Red	Yellow	Green	Blue
TRANS	24.63%	22.41%	14.63%	13.53%
Q	1.40	1.27	0.83	0.77
TEST	Pass	Pass	Pass	Fail

This is a FILTER CATEGORY 3

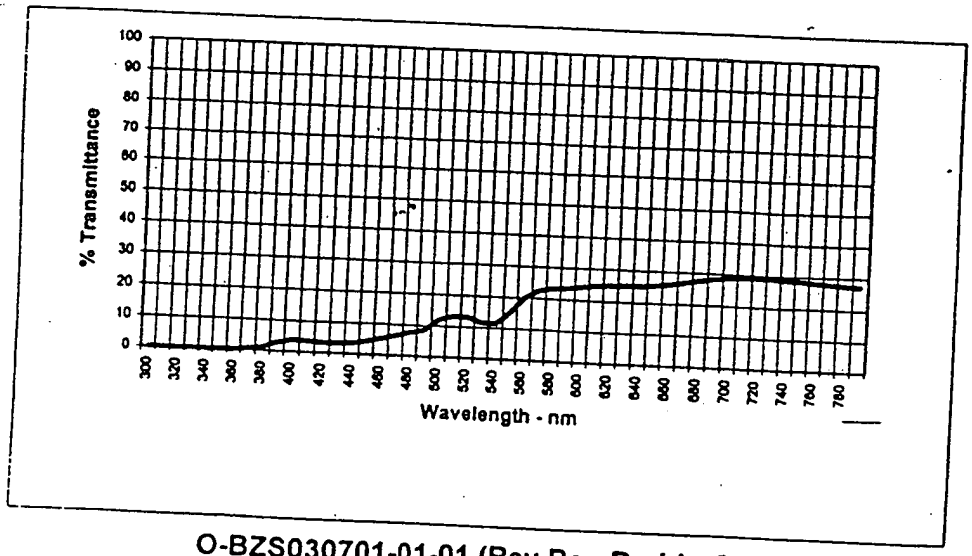
	Max	Test	Delta
T(280-315)	0.00	Pass	1.77
T(316-350)	0.00	Pass	8.84
SOLAR UVA	0.00	Pass	8.84

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	1.42	0.24

This is a GENERAL PURPOSE SUNGLASS

PASS	FAIL



O-BZS030701-01-01 (Ray Ban Daddy O)

FIG. 6

Spectral Analysis

	TRANS	x	y
Illuminate C Photopic	24.30%	0.5425	0.4364
Illuminate D65	23.97%		
Illuminate A	29.70%		
Illuminate C Scotopic	6.40%		
Average Blue Light	0.85%		
UVA	0.01%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	20.05
310	0.00	560	24.55
320	0.00	570	30.46
330	0.01	580	38.21
340	0.02	590	43.80
350	0.02	600	44.90
360	0.02	610	46.00
370	0.04	620	46.28
380	0.16	630	47.00
390	0.44	640	46.23
400	0.70	650	44.91
410	0.62	660	45.26
420	0.50	670	48.40
430	0.51	680	55.47
440	0.57	690	64.74
450	0.73	700	73.63
460	0.89	710	81.96
470	0.96	720	85.52
480	1.12	730	88.63
490	1.62	740	89.54
500	2.88	750	90.06
510	3.40	760	90.94
520	4.76	770	90.55
530	9.19	780	91.03
540	15.54	790	91.27

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	47.16%	37.12%	15.31%	23.97%
TEST	Pass	Pass	Pass	
X		39.24	2.32	31.29
Y	5.13	25.37	3.32	25.33
Z		0.04	0.26	1.16
x		0.6089	0.3938	0.5414
y		0.3924	0.5620	0.4382
Chromiticity		Pass	Pass	Pass

This is a GENERAL PURPOSE LENS

CEN 94

	Red	Yellow	Green	Blue
TRANS	46.19%	37.35%	14.95%	12.84%
Q	1.93	1.56	0.62	0.54
TEST	Pass	Pass	Fail	Fail

This is a FILTER CATEGORY 2

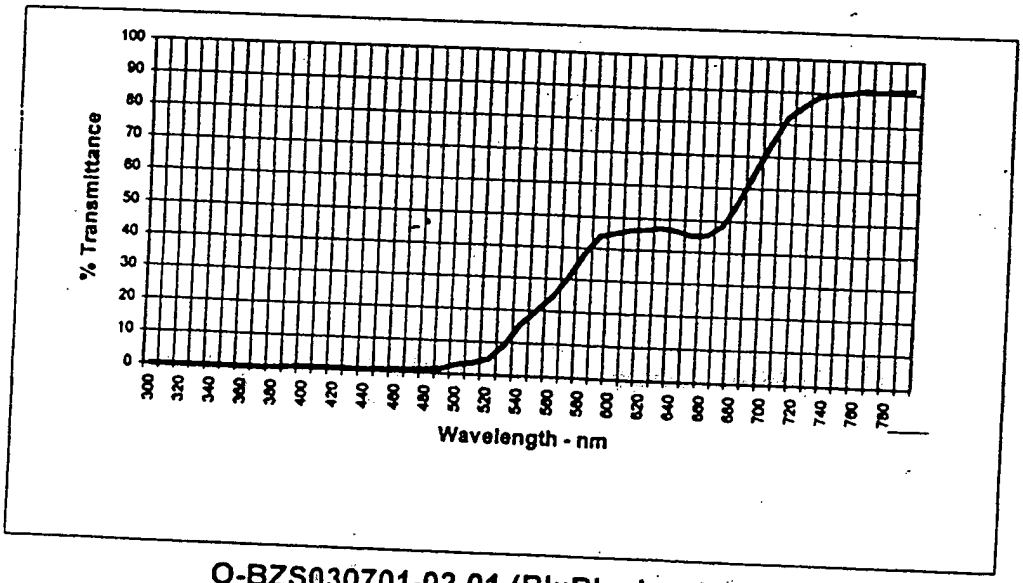
	Max	Test	Delta
T(280-315)	0.00	Pass	2.40
T(316-350)	0.00	Pass	11.98
SOLAR UVA	0.00	Pass	11.98

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	1.93	0.03

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL



O-BZS030701-02-01 (BluBlocker 1870)

FIG. 7

Spectral Analysis

	TRANS	x	y
Illuminate C Photopic	12.83%	0.4465	0.4204
Illuminate D65	12.74%		
Illuminate A	14.34%		
Illuminate C Scotopic	7.18%		
Average Blue Light	2.58%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	10.46
310	0.00	560	12.93
320	0.00	570	15.91
330	0.00	580	18.08
340	0.00	590	18.66
350	0.00	600	18.50
360	0.00	610	18.16
370	0.00	620	17.89
380	0.00	630	17.72
390	0.00	640	17.78
400	0.00	650	18.26
410	0.04	660	19.25
420	0.23	670	20.68
430	0.66	680	22.51
440	1.63	690	24.44
450	3.07	700	26.52
460	4.48	710	28.97
470	5.36	720	31.41
480	5.72	730	34.13
490	5.89	740	37.26
500	7.66	750	40.38
510	7.93	760	43.65
520	8.32	770	47.20
530	8.77	780	50.53
540	9.30	790	53.60

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	18.45%	16.40%	10.37%	12.74%
TEST	Pass	Pass	Pass	
X		16.43	1.25	14.10
Y	2.01	11.21	2.25	13.46
Z		0.02	0.91	4.06
x		0.5939	0.2836	0.4459
y		0.4053	0.5096	0.4258
Chromiticity		Pass	Pass	Pass

This is a GENERAL PURPOSE LENS

CEN 94

	Red	Yellow	Green	Blue
TRANS	18.36%	16.47%	10.26%	9.58%
Q	1.44	1.29	0.81	0.75
TEST	Pass	Pass	Pass	Fail

This is a FILTER CATEGORY 3

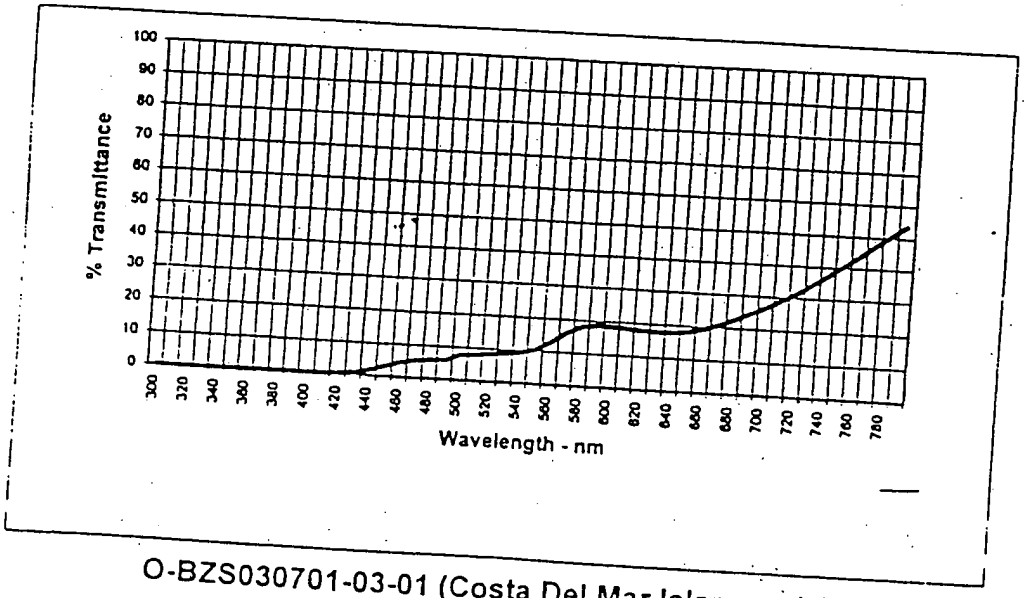
	Max	Test	Delta
T(280-315)	0.00	Pass	1.27
T(316-350)	0.00	Pass	6.37
SOLAR UVA	0.00	Pass	6.37

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	1.42	0.18

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL



O-BZS030701-03-01 (Costa Del Mar Islamorada)

FIG. 8

Spectral Analysis

	TRANS	x	y
Illuminate C Photopic	31.10%	0.4256	0.4252
Illuminate D65	31.01%		
Illuminate A	33.83%		
Illuminate C Scotopic	19.23%		
Average Blue Light	6.93%		
UVA	0.00%		
UVB	0.00%		

nm	%T	nm	%T
300	0.00	550	30.04
310	0.00	560	32.33
320	0.00	570	34.41
330	0.00	580	36.23
340	0.00	590	37.88
350	0.00	600	39.03
360	0.00	610	40.43
370	0.00	620	41.65
380	0.00	630	42.62
390	0.00	640	43.97
400	0.02	650	45.22
410	0.56	660	46.70
420	2.47	670	48.24
430	4.45	680	49.95
440	6.38	690	51.53
450	8.20	700	53.10
460	9.99	710	54.75
470	11.88	720	56.27
480	13.56	730	57.83
490	15.18	740	59.51
500	21.03	750	61.06
510	23.04	760	62.73
520	24.50	770	64.39
530	26.19	780	66.01
540	28.02	790	67.56

ANSI Z80.3

	Red	Yellow	Green	D65
TRANS	44.06%	37.10%	27.37%	31.01%
TEST	Pass	Pass	Pass	
X		36.89	2.98	32.20
Y	4.80	25.35	5.93	32.77
Z		0.06	2.35	10.79
x		0.5921	0.2646	0.4250
y		0.4069	0.5268	0.4325
Chromiticity		Pass	Pass	Pass

This is a GENERAL PURPOSE LENS

CEN 94

	Red	Yellow	Green	Blue
TRANS	41.77%	37.21%	27.34%	23.06%
Q	1.35	1.20	0.88	0.81
TEST	Pass	Pass	Pass	Pass

This is a FILTER CATEGORY 2

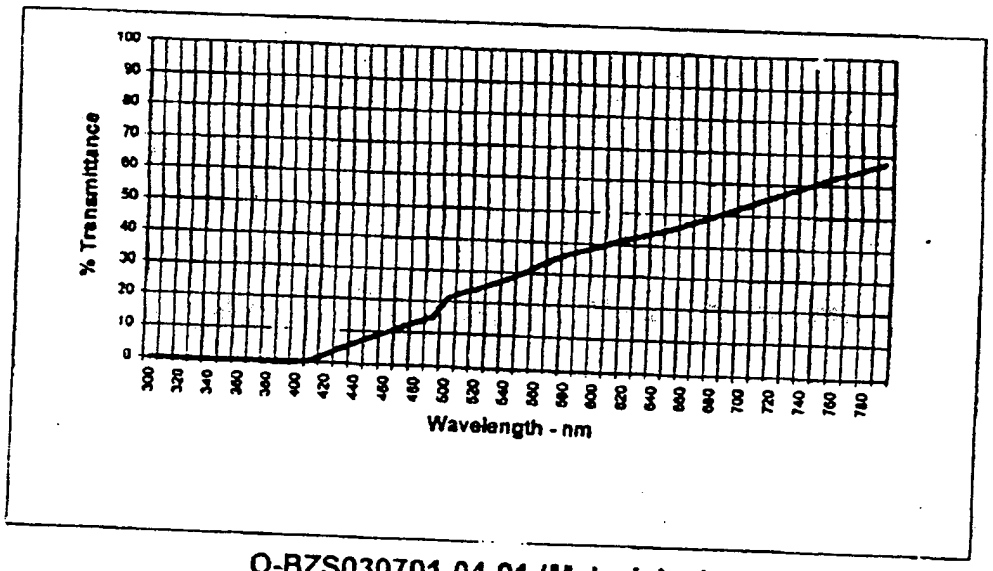
	Max	Test	Delta
T(280-315)	0.00	Pass	3.10
T(316-350)	0.00	Pass	15.51
SOLAR UVA	0.00	Pass	15.51

AUSTRALIAN STANDARDS

	Red	Violet
FACTOR	1.40	0.20

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL



O-BZS030701-04-01 (Melavision)

FIG. 9

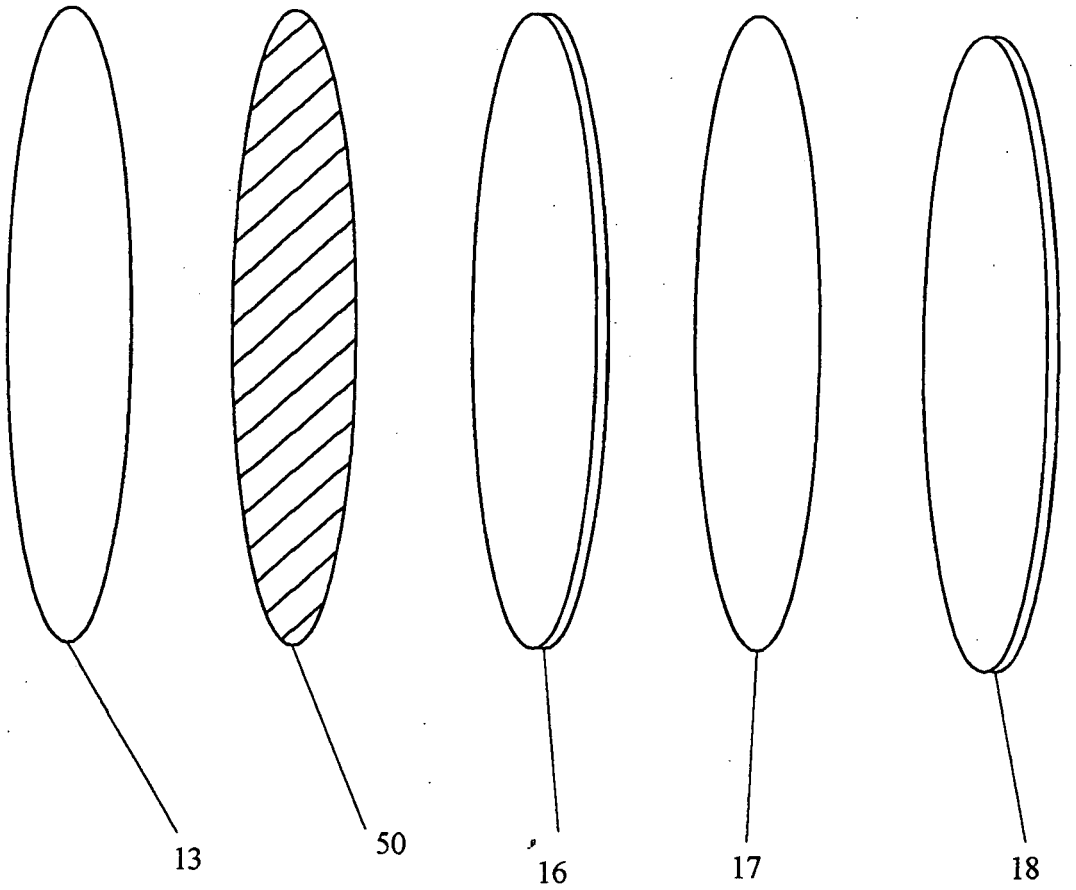


FIG. 10